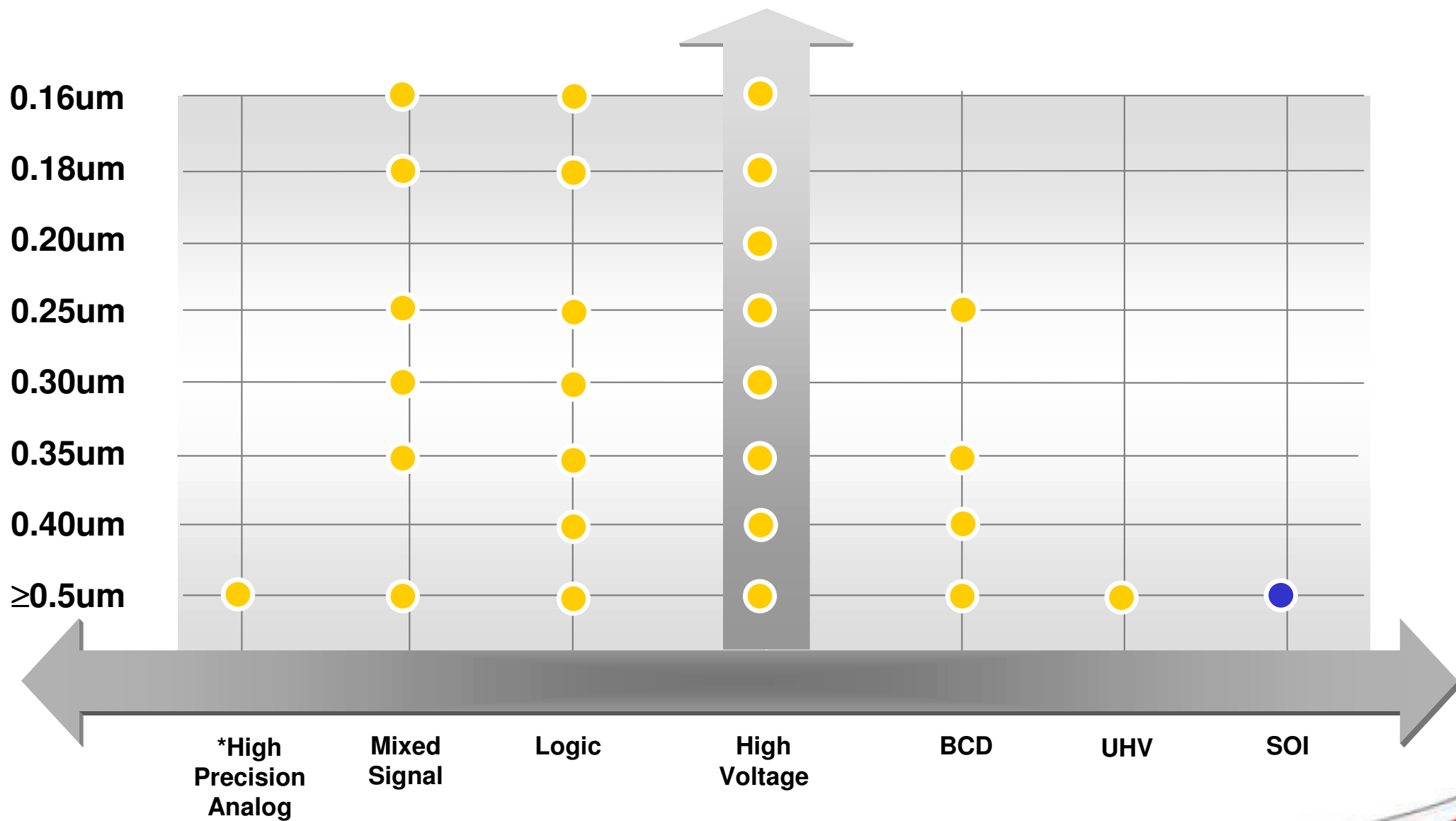




VIS Property

VIS Technology Portfolios



* Low ppm Tc & low Vc modules

● Available Now

● Developing

Display Driver IC Technology Roadmap



VIS Property

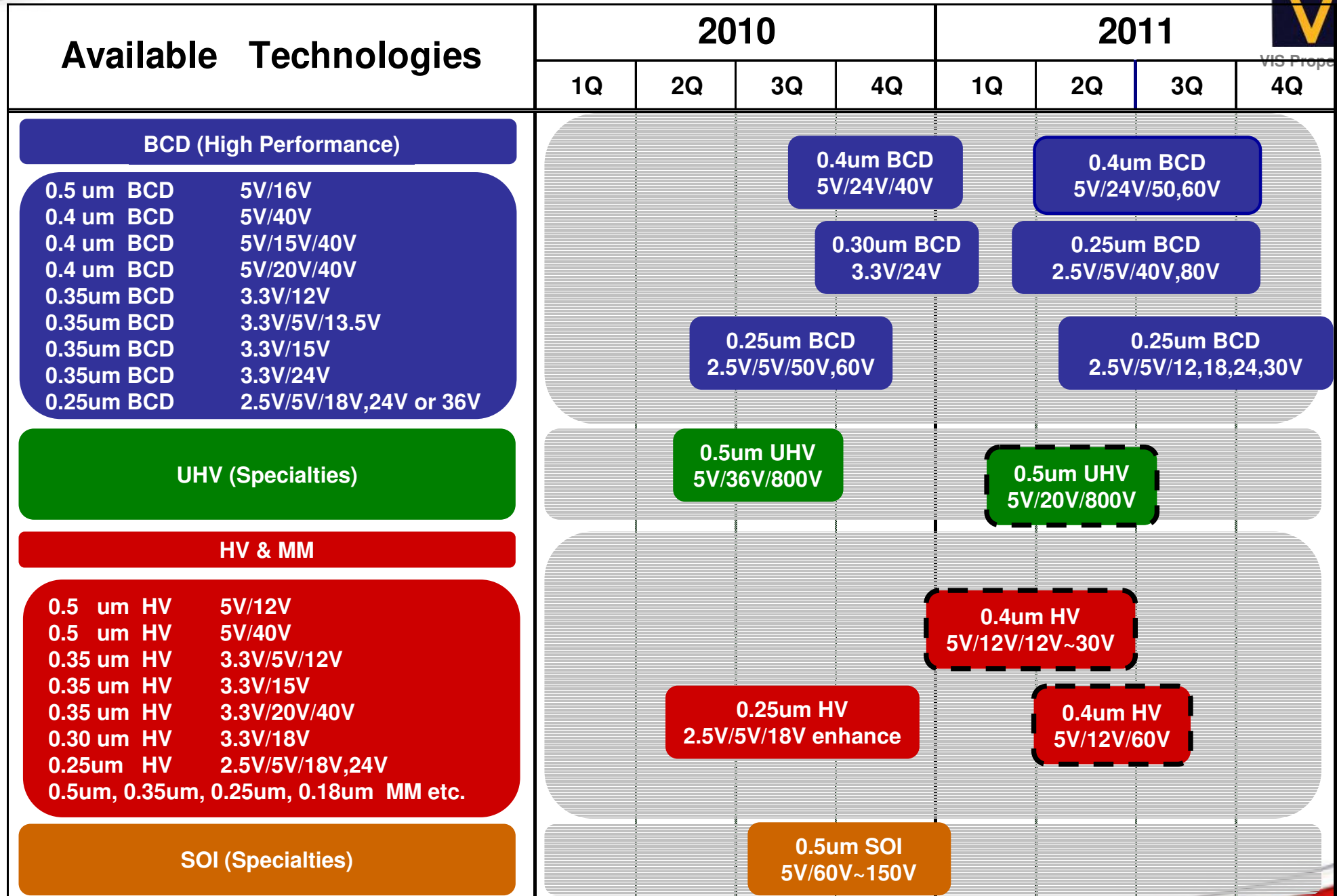
Available Technologies	2010				2011			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
<p>Large Panel</p> <p>1.0 um HV 5V/40V, 5V/50V 0.5 um HV 5V/40V, 20V/40V or 40V/40V 0.35umHV 3.3V/10V, 13.5V, 15V or 18V 0.3 um HV 3.3V/13.5V, 3.3V/18V 3.3V/13.5V+Iso_HVN (NBL) Shrink 3.3V/18V+Iso_HVN (NBL) Shrink 0.25um HV 2.5V/7V, 2.5V/8V Shrink 0.2 um HV 2.5V/8V+iso_HVN shrink 3.3V/13.5V, 3.3V/13.5V Shrink 3.3V/13.5V+Iso_HVN Shrink 3.3V/18V+Iso_HVN 0.18um HV 1.8V/18V+Iso_MVN (DNW)</p>	<p>0.8um 5V/40V with 25V MV</p>				<p>0.5um 5V/55V +/- 27.5V</p>			
<p>Small Panel</p> <p>0.25um HV 2.5V/5V/20V for CSTN 0.25um HV 2.5V/5V/18V or 24V 2.5V/5V/32V or 40V 2.5V/7V/32V 0.18um HV 1.8V/5V/32V 0.16um HV 1.8V/5V/32V (2.54um² SRAM)</p>								

- Left Edge of Each Box Represents Risk Production Schedule.
- Dotted-line box : In Planning

Power Management IC Technology Roadmap



VIS Property



- Left Edge of Each Box Represents Risk Production Schedule.
- Dotted-line box : In Planning

EMBEDDED NVM TECHNOLOGY ROADMAP



VIS Property

Available Technologies	2010				2011			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
<p>Electrical Fuse OTP</p> <p>0.16 um 1P6M 1.8v/5V 0.18 um 1P6M 1.8v/3.3V, 1.8V/5V 0.25 um 1P5M 2.5V/3.3V, 2.5V/5V 0.3 um 1P4M 3.3V 0.35um 1P4M 3.3V, 5V 0.4 um 1P4M 5V 0.5 um 1P3M 5V</p>				0.5um 1P3M 5V UHV		0.25um 1P5M 2.5V/5V SOI		
<p>Embedded OTP</p> <p>0.18um HV 1P6M 1.8V/5V 0.35um LG/ MM/ HV 1P4M 3.3V 0.3 um HV 1P4M 3.3V 0.5 um LG/ MM/ HV 1P3M 5V</p>			0.25um 1P5M 2.5V/ 5V		0.18um 1P6M 1.8V/ 3.3V			
<p>Embedded MTP-Flash</p>						0.16um HV 1P6M 1.8V/5V/32V		
<p>Embedded MTP-E²PROM</p> <p>0.3 um HV 1x8 1P4M 3.3V 0.35um MM 128x8 1P4M 3.3V 0.35um HV 128x8 1P4M 3.3V 0.35um BCD 128x8 1P4M 3.3V</p>			0.4um BCD 1P4M 5V			0.5um BCD 1P3M 5V		
				0.35um LG 64kb 1P4M 3.3V			0.25um BCD 1P5M 2.5V/5V	

- Left Edge of Each Box Represents Risk Production Schedule.
- Dotted-line box : In Planning